

ANALYTICAL REPORT

Job Number: 420-117299-1

SDG Number: Goshen SAS

Job Description: Orange-Ulster BOCES

For:

Orange-Ulster BOCES

53 Gibson Road

Goshen, NY 10924

Attention: Jack DeGraw



Meredith W Ruthven

Customer Service Manager

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02/28/2017

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EnviroTest Laboratories, Inc. Certifications and Approvals: NYSDOH 10142, NJDEP NY015, CTDOH PH-0554

METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-117299-1

SDG Number: Goshen SAS

Description	Lab Location	Method	Preparation Method
Matrix: Water			
ICPMS Metals by 200.8	EnvTest	EPA 200.8 Rev.5.4	
200 Series Drinking Water Prep Determination Step	EnvTest		EPA 200

Lab References:

EnvTest = EnviroTest

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-117299-1

SDG Number: Goshen SAS

Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Sirico, Derek	DS

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-117299-1

SDG Number: Goshen SAS

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-117299-1	SAS 71 Bubbler Retest	Drinking Water	02/23/2017 0603	02/24/2017 0852
420-117299-2	SAS 45 Sink Retest	Drinking Water	02/23/2017 0609	02/24/2017 0852
420-117299-3	SAS 32 Sink Retest	Drinking Water	02/23/2017 0613	02/24/2017 0852
420-117299-4	SAS 30 Sink Retest	Drinking Water	02/23/2017 0617	02/24/2017 0852
420-117299-5	SAS 23 Bath Retest	Drinking Water	02/23/2017 0619	02/24/2017 0852
420-117299-6	SAS 13 Bath Sink #2 Retest	Drinking Water	02/23/2017 0624	02/24/2017 0852

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Job Number: 420-117299-1
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Client Sample ID: SAS 71 Bubler Retest
Lab Sample ID: 420-117299-1

Date Sampled: 02/23/2017 0603
Date Received: 02/24/2017 0852
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 02/24/2017 1328		
Prep Method: 200			Date Prepared: 02/24/2017 1030		
Pb	2.36	ug/L	1.00	1.00	1.0

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Job Number: 420-117299-1
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Client Sample ID: SAS 45 Sink Retest
Lab Sample ID: 420-117299-2

Date Sampled: 02/23/2017 0609
Date Received: 02/24/2017 0852
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 02/24/2017 1329		
Prep Method: 200			Date Prepared: 02/24/2017 1030		
Pb	1.39	ug/L	1.00	1.00	1.0

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Job Number: 420-117299-1
Sdg Number: Goshen SAS

Client Sample ID: SAS 32 Sink Retest
Lab Sample ID: 420-117299-3

Date Sampled: 02/23/2017 0613
Date Received: 02/24/2017 0852
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 02/24/2017 1330		
Prep Method: 200			Date Prepared: 02/24/2017 1030		
Pb	3.38	ug/L	1.00	1.00	1.0

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Job Number: 420-117299-1
Sdg Number: Goshen SAS

Client Sample ID: SAS 30 Sink Retest
Lab Sample ID: 420-117299-4

Date Sampled: 02/23/2017 0617
Date Received: 02/24/2017 0852
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	02/24/2017 1330	
Prep Method: 200			Date Prepared:	02/24/2017 1030	
Pb	3.30	ug/L	1.00	1.00	1.0

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Job Number: 420-117299-1
Sdg Number: Goshen SAS

Client Sample ID: SAS 23 Bath Retest
Lab Sample ID: 420-117299-5

Date Sampled: 02/23/2017 0619
Date Received: 02/24/2017 0852
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 02/24/2017 1331		
Prep Method: 200			Date Prepared: 02/24/2017 1030		
Pb	8.24	ug/L	1.00	1.00	1.0

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Job Number: 420-117299-1
Sdg Number: Goshen SAS

Client Sample ID: SAS 13 Bath Sink #2 Retest
Lab Sample ID: 420-117299-6

Date Sampled: 02/23/2017 0624
Date Received: 02/24/2017 0852
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	02/24/2017 1332	
Prep Method: 200			Date Prepared:	02/24/2017 1030	
Pb	3.61	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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Certification Information

The following analytes are Not Part of the ELAP scope of accreditation:

Sulfur, Tungsten, Silicon, Bicarbonate Alkalinity, 7 Day BOD 5210C, 28 Day BOD, Soluble BOD, Carbon Dioxide, Carbonate Alkalinity, CBOD Soluble, Chlorine, Cyanide (WAD), Ferrous Iron, Ferric Iron, Total Nitrogen, Total Organic Nitrogen, Dissolved Oxygen, pH, Phenolphthalein Alkalinity, Solids (Fixed), Solids (Percent), Solids (Percent Moisture), Solids (Percent Volatile), Solids (Volatile Suspended), Temperature, TKN (Soluble), COD (Soluble), Total Inorganic Carbon, Volatile Acids as Acetic Acid, 2-Aminopyridine, 3-Picoline, 1-Methyl-2-pyrrilidinone, Aziridine, Dimethyl sulfoxide, 1-Chlorohexane, Iron Bacteria, Salmonella, & Sulfur Reducing Bacteria.

The following analytes are Not Part of ELAP Potable Water scope of accreditation:

Cobalt (200.7, 200.8), Tin (200.7), Strontium (200.7), Gold (200.7), Platinum (200.7), Palladium (200.7), Titanium (200.7), Phosphorus (365.3), Nitrate-Nitrite (10-107-4-1C, 353.2), m-Xylene & p-Xylene (502.2, 524), Naphthalene (502.2), o-Xylene (502.2, 524), & Fecal Coliform (9222D).

The following analytes are Not Part of ELAP Solid and Hazardous Waste scope of accreditation:

Ammonia (SM 4500NH3G), TKN (351.2), Phosphorus (365.3), 1,2-Dichloro-1,1,2-trifluoroethane (8260), & Chlorodifluoromethane (8260).

The following analytes are Not Part of ELAP Non Potable Water scope of accreditation:

Dissolved Organic Carbon (5310C), Mecoprop (8151A), & MCPA (8151A).

Definitions and Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
%R	Percent Recovery
DL, RA, RE	Indicates a Dilution, Reanalysis or Reextraction.
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit - an estimate of the minimum amount of a substance that an analytical process can reliably detect. A MDL is analyte- and matrix-specific and may be laboratory-dependent.
ND	Not detected at the reporting limit (or MDL if shown).
QC	Quality Control
RL	Reporting Limit - the minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.
RPD	Relative Percent Difference - a measure of the relative difference between two points.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-117299-1

SDG Number: Goshen SAS

Login Number: 117299

Question	T/F/NA	Comment
Samples were collected by ETL employee as per SOP-SAM-1	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is recorded.	True	22.8
Cooler Temp. is within method specified range.(0-6 C PW, 0-8 C NPW, or BAC <10 C	False	
If false, was sample received on ice within 6 hours of collection.	False	
Based on above criteria cooler temperature is acceptable.	True	Method Doesn't require cooling
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	